

ABSTRACT

A system of managing security in a cable modem. Rules are  
 5 defined enabling a host migrated cable modem to maintain  
 security at specified times. The security is maintained by  
 writing encryption keys to a register only when they are  
 detected as being received in an authorized way. When the  
 decryption keys have been received in an unauthorized way,  
 10 then they can be received, but not used for decryption  
 purposes. The register in includes a write enable function  
 which enables writing the keys associated with a specified  
 service ID. The register also includes a key destruction  
 function.

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